

	3	1967.6	85.7	3940	2	ADL12844	Adl12844	Human	ste
	4	1965.4	85.6	3787	3	ADR66785	Adr66785	Human	pro
	5	1965.4	85.6	3787	3	ADR65882	Adr65882	Human	pro
	6	1954	85.1	3773	7	ARY61442	Ary61442	Psoriasis	
	7	1739.8	75.7	2468	1	AAH33714	Aah33714	Human	col
	8	1738.6	75.7	3593	3	ADR66784	Adr66784	Human	pro
	9	1738.6	75.7	3593	3	ADR65881	Adr65881	Human	pro
	10	1736.4	75.6	3758	7	ARY78119	Ary78119	Psoriasis	
	11	1719.8	74.9	3777	8	AWL70912	Awl70912	Human	RBM
	12	1541.8	67.1	2261	1	AAC77930	Aac77930	Human	can
	13	1540.4	67.1	2707	5	AER33136	Aer33136	Human	sec
	14	1539.2	67.0	2934	1	ABQ54626	Abq54626	Human	ova
	15	1539.2	67.0	3507	7	ARY78127	Ary78127	Psoriasis	
	16	1539.2	67.0	3655	1	ADL45875	Adl45875	Human	ova
	17	1537.6	66.9	2731	1	AAF98702	Aaf98702	Human	ova
	18	1535.2	66.8	1540	7	AUO67863	Auo67863	Human	UTR
	19	1329.6	57.9	1624	1	AAH14740	Aah14740	Human	cDN
	20	1329.6	57.9	1624	1	ABL87923	Abl87923	Human	ova
	21	949.4	41.3	1608	2	ACN89924	Acn89924	Breast	ca
	22	948.2	41.3	2745	7	ARY78123	Ary78123	Psoriasis	
	23	946.8	41.2	2751	7	ARY61444	Ary61444	Psoriasis	
	24	935.2	40.7	2882	1	AAA12412	Aaa12412	cDNA	enco
	25	928	40.4	1606	1	ADL62123	Adl62123	Human	ova
	26	779	33.9	2140	2	ACC50152	Acc50152	Breast	ca
	27	779	33.9	2140	2	ADL26755	Adl26755	Human	FLJ
	28	779	33.9	2140	4	AEG59925	Aeg59925	Human	bre
	29	779	33.9	4280	4	AEL89335	Ael89335	Human	can
	30	773.2	33.7	2690	7	ARY78125	Ary78125	Psoriasis	
	31	762.2	33.2	2707	4	AED26109	Aed26109	Novel	hum
	32	736.6	32.1	756	1	ABL87922	Abl87922	Human	ova
	33	690.6	30.1	765	1	ADI69294	Adi69294	Human	ova
	34	690.6	30.1	765	1	ADI75640	Adi75640	Human	ova
	35	613.6	26.7	1592	6	ARB78545	Arb78545	DNA	fragm
	36	610	26.6	640	1	ADL40876	Adl40876	Human	ova
	37	581.2	25.3	612	5	AER31949	Aer31949	Human	sec
c	38	557	24.2	1503	3	AEW75863	Aew75863	Bovine	sp
c	39	557	24.2	1503	3	AEW10917	Aew10917	Bovine	sp
c	40	538	23.4	636	1	ADL43127	Adl43127	Human	ova
	41	530.8	23.1	534	1	ABV96567	Abv96567	Human	pan
	42	521	22.7	2457	6	ARC00831	Arc00831	DNA	fragm
	43	521	22.7	2484	7	ARY78121	Ary78121	Psoriasis	
	44	517.2	22.5	2624	2	ABT42551	Abt42551	Human	nuc
	45	511.6	22.3	587	1	ADL41008	Adl41008	Human	ova

ALIGNMENTS

RESULT 1

ADP84413

ID ADP84413 standard; DNA; 2297 BP.

XX

AC ADP84413;

XX

DT 09-SEP-2004 (first entry)

XX

DE Human breast-specific protein coding sequence #12.

XX

KW human; breast-specific protein; breast cancer; gene; ds.

XX

OS Homo sapiens.

XX
 PN WO2004053077-A2.
 XX
 PD 24-JUN-2004.
 XX
 PF 05-DEC-2003; 2003WO-US038815.
 XX
 PR 05-DEC-2002; 2002US-0431123P.
 XX
 PA (DIAD-) DIADEXUS INC.
 XX
 PI Macina RA, Turner LR, Sun Y, Chen H, Rodriguez M;
 XX
 DR WPI; 2004-468848/44.
 DR P-PSDB; ADP84514.
 XX
 PT New breast specific nucleic acid molecules and polypeptides useful for
 PT diagnosing, preventing or treating breast cancer, for producing
 PT transgenic animals or cells, or for research purposes.
 XX
 PS Claim 1; SEQ ID NO 12; 521pp; English.
 XX
 CC The invention comprises the amino acid and coding sequences of human
 CC breast-specific proteins. The DNA and protein sequences of the invention
 CC are useful for the diagnosis, treatment and prevention of breast cancer.
 CC The present DNA sequence encodes a human breast-specific protein of the
 CC invention.
 XX
 SQ Sequence 2297 BP; 713 A; 438 C; 431 G; 715 T; 0 U; 0 Other;

Query Match 100.0%; Score 2297; DB 3; Length 2297;
 Best Local Similarity 100.0%;
 Matches 2297; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	AGAGTTGGTTTGTAGTAACTGGCACTCAGGAACATGAGGGAAAAAATTACATATTGTGA	60
Db	1	AGAGTTGGTTTGTAGTAACTGGCACTCAGGAACATGAGGGAAAAAATTACATATTGTGA	60
Qy	61	AATGGTTGAGAAGACATGAAAATCCACTTGATTTGGTGTTTCCGAATTCAGGCAAAGA	120
Db	61	AATGGTTGAGAAGACATGAAAATCCACTTGATTTGGTGTTTCCGAATTCAGGCAAAGA	120
Qy	121	ACTGTTTTTTAGGTTGACAGGGTGAATTCAGATACTTCTATGCATTAAGTGTATAATCA	180
Db	121	ACTGTTTTTTAGGTTGACAGGGTGAATTCAGATACTTCTATGCATTAAGTGTATAATCA	180
Qy	181	AAAGGAAATTGCTTGGGATAGGATAAAGAACTGTGGTCTCTTTCTTTAAAATGTGTAGAT	240
Db	181	AAAGGAAATTGCTTGGGATAGGATAAAGAACTGTGGTCTCTTTCTTTAAAATGTGTAGAT	240
Qy	241	GGAACAGTGACTATGTTTTTAGTGCTAGCACGTGCATGTCAGCTGTTACAAATATGTCTC	300
Db	241	GGAACAGTGACTATGTTTTTAGTGCTAGCACGTGCATGTCAGCTGTTACAAATATGTCTC	300
Qy	301	AAAGAATCTCTCTTTGCATATCTAGGCCTGTCTCCTCCCTCCTACACATTTCCAGCTCCT	360
Db	301	AAAGAATCTCTCTTTGCATATCTAGGCCTGTCTCCTCCCTCCTACACATTTCCAGCTCCT	360
Qy	361	GCTGCAGTTATTCCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAATCCACGA	420
Db	361	GCTGCAGTTATTCCTACAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAATCCACGA	420

Qy	421	GCACTGCAGCCCTCCACAGCGTACTACCCAGCAGGCACTCAGCTCTTCATGAACTACACA	480
Db	421	GCACTGCAGCCCTCCACAGCGTACTACCCAGCAGGCACTCAGCTCTTCATGAACTACACA	480
Qy	481	GCGTACTATCCCAGCCCCCAGGTTGCGCTAATAGTCTTGGCTACTTCCCTACAGCTGCT	540
Db	481	GCGTACTATCCCAGCCCCCAGGTTGCGCTAATAGTCTTGGCTACTTCCCTACAGCTGCT	540
Qy	541	AATCTTAGCGGTGTCCCTCCACAGCCTGGCACGGTGGTCAGAATGCAGGGCCTGGCCTAC	600
Db	541	AATCTTAGCGGTGTCCCTCCACAGCCTGGCACGGTGGTCAGAATGCAGGGCCTGGCCTAC	600
Qy	601	AATACTGGAGTTAAGGAAATTCTTAACCTCTTCCAAGGTTACCAGTATGCAACCGAGGAT	660
Db	601	AATACTGGAGTTAAGGAAATTCTTAACCTCTTCCAAGGTTACCAGTATGCAACCGAGGAT	660
Qy	661	GGACTTATACACACAAATGACCAGGCCAGGACTCTACCCAAAGAATGGGTTTGTATTTAA	720
Db	661	GGACTTATACACACAAATGACCAGGCCAGGACTCTACCCAAAGAATGGGTTTGTATTTAA	720
Qy	721	GGGCCCCAGCAGTTAGAATCCTCAGAAAAGAAGTGTTTGAAAGATGTATGGTGATCTT	780
Db	721	GGGCCCCAGCAGTTAGAATCCTCAGAAAAGAAGTGTTTGAAAGATGTATGGTGATCTT	780
Qy	781	GAAACCTCCAGACACAAGAAAACCTTCTAGCAAATTCAGGGGAAGTTTGTCTACACTCAGG	840
Db	781	GAAACCTCCAGACACAAGAAAACCTTCTAGCAAATTCAGGGGAAGTTTGTCTACACTCAGG	840
Qy	841	CTGCAGTATTTTCAGCAAACCTTGATTGGACAAACGGGCCTGTGCCTTATCTTTTGGTGGA	900
Db	841	CTGCAGTATTTTCAGCAAACCTTGATTGGACAAACGGGCCTGTGCCTTATCTTTTGGTGGA	900
Qy	901	GTGAAAAAATTTGAGCTAGTGAAGCCAAATCGTAACTTACAGCAAGCAGCATGCAGCATA	960
Db	901	GTGAAAAAATTTGAGCTAGTGAAGCCAAATCGTAACTTACAGCAAGCAGCATGCAGCATA	960
Qy	961	CCTGGCTCTTTGCTGATTGCAAATAGGCATTTAAAATGTGAATTTGGAATCAGATGTCTC	1020
Db	961	CCTGGCTCTTTGCTGATTGCAAATAGGCATTTAAAATGTGAATTTGGAATCAGATGTCTC	1020
Qy	1021	CATTACTTCCAGTTAAAGTGGCATCATAGGTGTTTCCTAAGTTTTAAGTCTTGGATAAAA	1080
Db	1021	CATTACTTCCAGTTAAAGTGGCATCATAGGTGTTTCCTAAGTTTTAAGTCTTGGATAAAA	1080
Qy	1081	ACTCCACCAGTGTCTACCATCTCCACCATGAACTCTGTTAAGGAAGCTTCATTTTTGTAT	1140
Db	1081	ACTCCACCAGTGTCTACCATCTCCACCATGAACTCTGTTAAGGAAGCTTCATTTTTGTAT	1140
Qy	1141	ATTCCCGCTCTTTTCTCTTCATTTCCCTGTCTTCTGCATAATCATGCCTTCTTGCTAAGT	1200
Db	1141	ATTCCCGCTCTTTTCTCTTCATTTCCCTGTCTTCTGCATAATCATGCCTTCTTGCTAAGT	1200
Qy	1201	AATTCAAGCATAAGATCTTGAATAATAAAATCACAATCTTAGGAGAAAGAATAAAATTG	1260
Db	1201	AATTCAAGCATAAGATCTTGAATAATAAAATCACAATCTTAGGAGAAAGAATAAAATTG	1260
Qy	1261	TTATTTTCCAGTCTCTTGGCCATGATGATATCTTATGATTAAAAACAAATTAAATTTTA	1320
Db	1261	TTATTTTCCAGTCTCTTGGCCATGATGATATCTTATGATTAAAAACAAATTAAATTTTA	1320

Qy	1321	AAACACCTGAAGATATATTAGAAGAAATTGTGCACCCTCCACAAAACATACAAAGTTTAA	1380
Db	1321	AAACACCTGAAGATATATTAGAAGAAATTGTGCACCCTCCACAAAACATACAAAGTTTAA	1380
Qy	1381	AAGTTTGGATCTTTTTCTCAGCAGGTATCAGTTGTAAATAATGAATTAGGGGCCAAAATG	1440
Db	1381	AAGTTTGGATCTTTTTCTCAGCAGGTATCAGTTGTAAATAATGAATTAGGGGCCAAAATG	1440
Qy	1441	CAAAACGAAAAATGAAGCAGCTACATGTAGTTAGTAATTTCTAGTTTGAAGTGAATTGA	1500
Db	1441	CAAAACGAAAAATGAAGCAGCTACATGTAGTTAGTAATTTCTAGTTTGAAGTGAATTGA	1500
Qy	1501	ATATTGTGGCTTCATATGTATTATTTTATATTGTACTTTTTTCATTATTGATGGTTTGA	1560
Db	1501	ATATTGTGGCTTCATATGTATTATTTTATATTGTACTTTTTTCATTATTGATGGTTTGA	1560
Qy	1561	CTTTAATAAGAGAAATTCATAGTTTTTAATATCCCAGAAGTGAGACAATTTGAACAGTG	1620
Db	1561	CTTTAATAAGAGAAATTCATAGTTTTTAATATCCCAGAAGTGAGACAATTTGAACAGTG	1620
Qy	1621	TATTCTAGAAAACAATACACTAACTGAACAGAAGTGAATGCTTATATATATTATGATAGC	1680
Db	1621	TATTCTAGAAAACAATACACTAACTGAACAGAAGTGAATGCTTATATATATTATGATAGC	1680
Qy	1681	CTTAAACCTTTTTCTCTAATGCCTTAACTGTCAAATAATTATAACCTTTTAAAGCATAG	1740
Db	1681	CTTAAACCTTTTTCTCTAATGCCTTAACTGTCAAATAATTATAACCTTTTAAAGCATAG	1740
Qy	1741	GACTATAGTCAGCATGCTAGACTGAGAGGTAAACACTGATGCAATTAGAACAGGTACTGA	1800
Db	1741	GACTATAGTCAGCATGCTAGACTGAGAGGTAAACACTGATGCAATTAGAACAGGTACTGA	1800
Qy	1801	TGCTGTCAGTGTTTAACTATGTTTAGCTGTGTTTATGCTATAAAAAGTGCAATATTAGA	1860
Db	1801	TGCTGTCAGTGTTTAACTATGTTTAGCTGTGTTTATGCTATAAAAAGTGCAATATTAGA	1860
Qy	1861	CACTAGCTAGTACTGCTGCCTCATGTAACCTCAAAGAAAACAGGATTTTCATTAAAGTGCAT	1920
Db	1861	CACTAGCTAGTACTGCTGCCTCATGTAACCTCAAAGAAAACAGGATTTTCATTAAAGTGCAT	1920
Qy	1921	TGAATGTGGCTATTTCTCTAAGTTACTCATATTGTCCTTTGCTTGAATGCAATGCCGTGC	1980
Db	1921	TGAATGTGGCTATTTCTCTAAGTTACTCATATTGTCCTTTGCTTGAATGCAATGCCGTGC	1980
Qy	1981	AGATTTATGTGGCTGCTATTTTTATTTTCTGTGCATTACTTTAACACCTTAAAGGGAGAA	2040
Db	1981	AGATTTATGTGGCTGCTATTTTTATTTTCTGTGCATTACTTTAACACCTTAAAGGGAGAA	2040
Qy	2041	GCAAACATTTCTTCTTCAGCTGACTGGCAATGGCCCTTTAACTGCAATAGGAAGAAAAA	2100
Db	2041	GCAAACATTTCTTCTTCAGCTGACTGGCAATGGCCCTTTAACTGCAATAGGAAGAAAAA	2100
Qy	2101	AAAAAAGGTTTGTGTGAAAATTGGTGATAACTGGCACTTAAGATCGAAAAGAAATTTCTG	2160
Db	2101	AAAAAAGGTTTGTGTGAAAATTGGTGATAACTGGCACTTAAGATCGAAAAGAAATTTCTG	2160
Qy	2161	TATACTTGATGCCTTAAGATGCCCCAAAGCTGCCCCAAAGCTCTGAAAGACTTTAAGATAGG	2220
Db	2161	TATACTTGATGCCTTAAGATGCCCCAAAGCTGCCCCAAAGCTCTGAAAGACTTTAAGATAGG	2220
Qy	2221	CAGTAATGCTTACTACAATACTACTGAGTTTTTGTAGAGTTAACATTTGATAATAAACT	2280

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Db      2221 CAGTAATGCTTACTACAATACTACTGAGTTTTTGTAGAGTTAACATTTGATAATAAAACT 2280

Qy      2281 TGCCTGTTTAATCTCAA 2297
                ||||||||||||||||
Db      2281 TGCCTGTTTAATCTCAA 2297

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RESULT 2

AAF85701

ID AAF85701 standard; cDNA; 3598 BP.

XX

AC AAF85701;

XX

DT 10-DEC-2001 (first entry)

XX

DE Human cancer related protein 20P2H8 coding sequence.

XX

KW Human; cancer related protein 20P2H8; vaccine; chromosome 15q32-23;
 KW prostate cancer; bladder cancer; colon cancer; pancreatic cancer; ss.

XX

OS Homo sapiens.

XX

FH Key Location/Qualifiers

FT CDS 1. .2148

FT /*tag= a

FT /product= "20P2H8 alternative version"

FT CDS 451. .2004

FT /*tag= b

FT /product= "20P2H8"

XX

PN WO200131012-A1.

XX

PD 03-MAY-2001.

XX

PF 26-OCT-2000; 2000WO-US029477.

XX

PR 28-OCT-1999; 99US-0162364P.

XX

PA (UROG-) UROGENESYS INC.

XX

PI Afar DEH, Raitano AB, Hubert RS, Mitchell SC, Jakobovits A;

XX

DR WPI; 2001-308645/32.

DR P-PSDB; AAB81201, AAB60948.

XX

PT 20P2H8 polynucleotides and polypeptides useful for diagnosing and
 PT treating cancer, and for screening for screening for modulating
 PT compounds.

XX

PS Claim 1; Fig 1; 111pp; English.

XX

CC The present invention provides the protein and coding sequences of human
 CC cancer related protein 20P2H8. The gene, which is found at chromosome
 CC 15q32-23, is upregulated in cancers such as that of the prostate,
 CC bladder, colon and pancreas. The sequences can be used to diagnose and
 CC treat these cancers, and to vaccinate against them. The present sequence
 CC is the coding sequence of the invention

XX

SQ Sequence 3598 BP; 1072 A; 741 C; 763 G; 1022 T; 0 U; 0 Other;

Query Match 85.7%; Score 1968.2; DB 1; Length 3598;
Best Local Similarity 99.6%;
Matches 1973; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

Qy	317	CATATCTAGGCCTGTCTCCTCCCTCCTACACATTTCCAGCTCCTGCTGCAGTTATTCCTA	376
Db	1601		1660
Qy	377	CAGAAGCTGCCATTTACCAGCCCTCTGTGATTTTGAATCCACGAGCACTGCAGCCCTCCA	436
Db	1661		1720
Qy	437	CAGCGTACTACCCAGCAGGCACTCAGCTCTTCATGAACTACACAGCGTACTATCCCAGCC	496
Db	1721		1780
Qy	497	CCCCAGGTTGCGCTAATAGTCTTGGCTACTTCCCTACAGCTGCTAATCTTAGCGGTGTCC	556
Db	1781		1840
Qy	557	CTCCACAGCCTGGCACGGTGGTCAGAATGCAGGGCCTGGCCTACAATACTGGAGTTAAGG	616
Db	1841		1900
Qy	617	AAATTCTTAACTTCTTCCAAGTTACCAGTATGCAACCGAGGATGGACTTATACACACAA	676
Db	1901		1960
Qy	677	ATGACCAGGCCAGGACTCTACCCAAAGAATGGGTTTGTATTTAAGGGCCCCAGCAGTTAG	736
Db	1961		2020
Qy	737	AACATCCTCAGAAAAGAAGTGTTTGAAAGATGTATGGTGATCTTGAAACCTCCAGACACA	796
Db	2021		2080
Qy	797	AGAAAACCTTAGCAAATTCAGGGGAAGTTTGCTACACTCAGGCTGCAGTATTTTCAGC	856
Db	2081		2140
Qy	857	AAACTTGATTGGACAAACGGGCCTGTGCCTTATCTTTTGGTGGAGTGAAAAAATTTGAGC	916
Db	2141		2200
Qy	917	TAGTGAAGCCAAATCGTAAC TTACAGCAAGCAGCATGCAGCATACTGGCTCTTTGCTGA	976
Db	2201		2260
Qy	977	TTGCAAATAGGCATTTAAAATGTGAATTTGGAATCAGATGTCTCCATTACTTCCAGTTAA	1036
Db	2261		2320
Qy	1037	AGTGGCATCATAGGTGTTTCTTAAGTTTAAAGTCTTGGATAAAAAC TCCACCAGTGTCTA	1096
Db	2321		2380
Qy	1097	CCATCTCCACCATGAACTCTGTTAAGGAAGCTTCATTTTTGTATATTCCCGCTCTTTTCT	1156
Db	2381		2440
Qy	1157	CTTCATTTCCCTGTCTTCTGCATAATCATGCCTTCTTGCTAAGTAATTCAAGCATAAGAT	1216

Db	2441	 CTTCATTTCCCTGTCTTCTGCATAATCATGCCTTCTTGCTAAGTAATTCAAGCATAAGAT	2500
Qy	1217	CTTGGAATAATAAAATCACAACTTAGGAGAAAGAATAAAATTGTTATTTTCCCAGTCTC	1276
Db	2501	 CTTGGAATAATAAAATCACAACTTAGGAGAAAGAATAAAATTGTTATTTTCCCAGTCTC	2560
Qy	1277	TTGGCCATGATGATATCTTATGATTAAAAACAAATTAAATTTTAAAACACCTGAAGATAT	1336
Db	2561	 TTGGCCATGATGATATCTTATGATTAAAAACAAATTAAATTTTAAAACACCTGAAGATAA	2620
Qy	1337	ATTAGAAGAAATTGTGCACCCTCCACAAAACATACAAAGTTTAAAAGTTTGGATCTTTTT	1396
Db	2621	 ATTAGAAGAAATTGTGCACCCTCCACAAAACATACAAAGTTTAAAAGTTTGGATCTTTTT	2680
Qy	1397	CTCAGCAGGTATCAGTTGTAAATAATGAATTAGGGGGCCAAAATGCAAAACGAAAAATGAA	1456
Db	2681	 CTCAGCAGGTATCAGTTGTAAATAATGAATTAGGGGGCCAAAATGCAAAACGAAAAATGAA	2740
Qy	1457	GCAGCTACATGTAGTTAGTAATTTCTAGTTTGAAGTGAATTGAATATTGTGGCTTCATA	1516
Db	2741	 GCAGCTACATGTAGTTAGTAATTTCTAGTTTGAAGTGAATTGAATATTGTGGCTTCATA	2800
Qy	1517	TGTATTATTTTATATTGTACTTTTTTCATTATTGATGGTTTGGACTTTAATAAGAGAAAT	1576
Db	2801	 TGTATTATTTTATATTGTACTTTTTTCATTATTGATGGTTTGGACTTTAATAAGAGAAAT	2860
Qy	1577	TCCATAGTTTTTAAATATCCCAGAAGTGAGACAATTTGAACAGTGTATTCTAGAAAACAAT	1636
Db	2861	 TCCATAGTTTTTAAATATCCCAGAAGTGAGACAATTTGAACAGTGTATTCTAGAAAACAAT	2920
Qy	1637	ACACTAACTGAACAGAAGTGAATGCTTATATATATTATGATAGCCTTAAACCTTTTTTCCT	1696
Db	2921	 ACACTAACTGAACAGAAGTGAATGCTTATATATATTATGATAGCCTTAAACCTTTTTTCCT	2980
Qy	1697	CTAATGCCTTAACTGTCAAATAATTATAACCTTTTAAAGCATAGGACTATAGTCAGCATG	1756
Db	2981	 CTAATGCCTTAACTGTCAAATAATTATAACCTTTTAAAGCATAGGACTATAGTCAGCATG	3040
Qy	1757	CTAGACTGAGAGGTAAACACTGATGCAATTAGAACAGGTACTGATGCTGTCAGTGTTTAA	1816
Db	3041	 CTAGACTGAGAGGTAAACACTGATGCAATTAGAACAGGTACTGATGCTGTCAGTGTTTAA	3100
Qy	1817	CACTATGTTTAGCTGTGTTTATGCTATAAAAGTGCAATATTAGACACTAGCTAGTACTGC	1876
Db	3101	 CACTATGTTTAGCTGTGTTTATGCTATAAAAGTGCAATATTAGACACTAGCTAGTACTGC	3160
Qy	1877	TGCCTCATGTAACCTCAAAGAAAACAGGATTTTCAATTAAGTGCATTGAATGTGGCTATTTT	1936
Db	3161	 TGCCTCATGTAACCTCAAAGAAAACAGGATTTTCAATTAAGTGCATTGAATGTGGCTATTTT	3220
Qy	1937	TCTAAGTTACTCATATTGTCCTTTGCTTGAATGCAATGCCGTGCAGATTTATGTGGCTGC	1996
Db	3221	 TCTAAGTTACTCATATTGTCCTTTGCTTGAATGCAATGCCGTGCAGATTTATGTGGCTGC	3280
Qy	1997	TATTTTTATTTTCTGTGCATTACTTTAACACCTTAAAGGGAGAAGCAAACATTTCTTCT	2056
Db	3281	 TATTTTTATTTTCTGTGCATTACTTTAACACCTTAAAGGGAGAAGCAAACATTTCTTCT	3340
Qy	2057	TCAGCTGACTGGCAATGGCCCTTTAACTGCAATAGGAAGAAAAAAGGTTTGTGTG	2116


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Db      3341 TCAGCTGACTGGCAATGGCCCTTTAACTGCAATAGGAAGAAAAAAAAAAGGTTTGTGTG 3400

Qy      2117 AAAATTGGTGATAACTGGCACTTAAGATCGAAAAGAAATTTCTGTATACTTGATGCCTTA 2176
        |||
Db      3401 AAAATTGGTGATAACTGGCACTTAAGATCGAAAAGAAATTTCTGTATACTTGATGCCTTA 3460

Qy      2177 AGATGCCCCAAAGCTGCCCCAAAGCTCTGAAAGACTTTAAGATAGGCAGTAATGCTTACTAC 2236
        |||
Db      3461 AGATGCCCCAAAGCTGCCCCAAAGCTCTGAAAGACTTTAAGATAGGCAGTAATGCTTACTAC 3520

Qy      2237 AATACTACTGAGTTTTTGTAGAGTTAACATTTGATAATAAACTTGCCTGTTTAATCTCA 2296
        |||
Db      3521 AATACTACTGAGTTTTTGTAGAGTTAACATTTGATAATAAACTTGCCTGTTTAATCTCA 3580

Qy      2297 A 2297
        |
Db      3581 A 3581

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RESULT 3

ADL12844

ID ADL12844 standard; cDNA; 3940 BP.

XX

AC ADL12844;

XX

DT 06-MAY-2004 (first entry)

XX

DE Human steroid-induced C3A liver cell cDNA #573.

XX

KW ss; gene; Hepatotropic; Gene therapy; Wilson disease; liver disorder;

KW steroid therapy; cirrhosis; hepatitis; human; C3A liver cell.

XX

OS Homo sapiens.

XX

PN US6673549-B1.

XX

PD 06-JAN-2004.

XX

PF 12-OCT-2001; 2001US-00976594.

XX

PR 12-OCT-2000; 2000US-0240409P.

XX

PA (INCY-) INCYTE CORP.

XX

PI Furness LM, Buchbinder JL;

XX

DR WPI; 2004-068610/07.

XX

PT Combination useful for preparing a composition for treating liver
PT disorders associated with steroid therapy, e.g., cirrhosis or hepatitis,
PT comprises cDNAs that are differentially expressed in response to steroid
PT treatment.

XX

PS Claim 1; SEQ ID NO 573; 141pp; English.

XX

CC The invention relates to a combination comprising cDNAs that are
CC differentially expressed in response to steroid treatment. Also included
CC are the following: a high throughput method for using a cDNA to detect
CC differential expression of nucleic acids in a sample; and a high
CC throughput method of screening molecules or compounds to identify a
CC ligand that specifically binds a cDNA. The sample is from a subject with